



PATENT ABSTRACTS OF JAPAN

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(21) Application number: **58081769**(71) Applicant: **TEIJIN LTD**(22) Date of filing: **12.05.1983**(72) Inventor: **YAMADA KENKO**(54) **PERMSELECTIVE MEMBRANE**

brane comprising this polymer.

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(57) Abstract:

PURPOSE: To provide a permselective membrane for selectively separate and concentrating oxygen in the air, constituted of a polymer consisting of a specific polyisocyanate component and a polyamine component having a plurality of amino groups.

CONSTITUTION: A polyisocyanate component represented by formula I [wherein R_2 and R_3 are a hydrocarbon group, a fluorinated hydrocarbon group or $(-\text{CH}_2-)_n$ X-NCO (wherein X is a single bond or a group), R_1 and R_4 are a monovalent hydrocarbon group, a monovalent fluorinated hydrocarbon group or -OR and I is an integer of 1W250] is prepared. This component is reacted with a polyamine component having a plurality of amino groups to form a siloxane-containing polyurea polymer. Oxygen in the air is selectively separated and concentrated by the permselective mem-

